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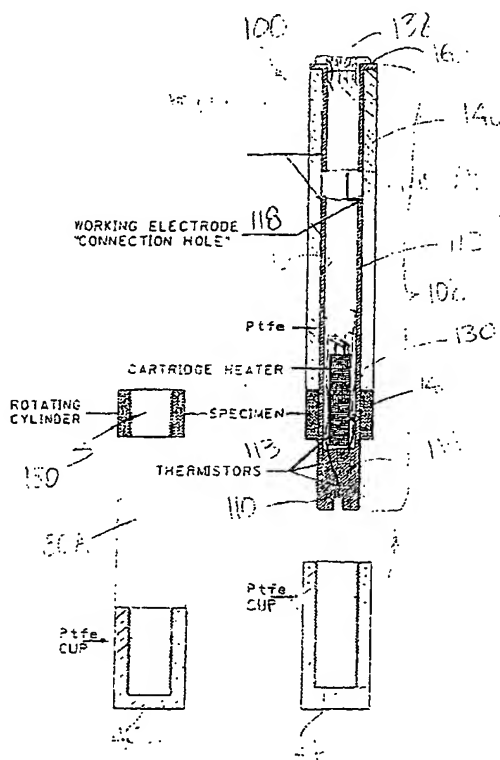
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*[Continued on next page]*

**(54) Title: CORROSION TESTING APPARATUS**



**(57) Abstract:** A rotational test electrode assembly for use in a corrosive fluid environment that includes: a) a generally cylindrical heat and electrically conductive member having an annular portion and a solid portion; b) a heating device positioned inside of the annular portion and in heat exchanging relation with the solid portion of the conductive member; c) a corrosion resistant external protective member that surrounds a portion of the heat conductive member in close-fitting relationship; d) mounting means for attaching a rotational electrode in close fitting heat and electrically conductive relation, the electrode being selected from the group consisting of cylindrical and disk electrodes; and e) an electrical connector for receiving a plurality of external electrical connectors that is mounted on the protective member opposite the portion of the conductive member on which the rotational electrode is mounted.

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